REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1, 4-6, and 8-11 are pending in the present application, Claims 1, 8, 9, 10, and 11 having been amended, and Claims 2, 3, and 7 having been previously canceled without prejudice or disclaimer.

In the outstanding Office Action, Claims 1 and 8-10 were rejected under 35 U.S.C. §102(b) as anticipated by Mutsumi Serizawa (JP 63-250223, hereinafter Serizawa); Claim 11 was objected to for depending from a rejected based claim, but was indicated as including allowable subject matter; and Claims 4-6 were allowed.

Applicants acknowledge with appreciation the indication of allowable subject matter. In light of this, Claim 11 is amended to be in independent form and is in condition for allowance.

In a non-limiting embodiment of the claimed invention, a wireless communication apparatus detects a state of multipath and sends multipath detection information to another wireless communication apparatus via a wireless network. The another wireless communication apparatus generates a multipath component using the multipath detection information, generates a signal inverted from an interference wave signal detected between the multipath component and a send signal, and sends the inverted signal and the send signal to the wireless communication apparatus, which in turn receives the inverted signal and the send signal so that interference is canceled by the inverted signal.

With respect to the rejection of Claim 1 as anticipated by Serizawa, Applicants respectfully submit that the amendments to Claim 1 overcome the rejection. Claim 1 is amended to recite, *inter alia*, "another wireless communication apparatus generates a multipath component using said multipath detection information, generates a signal inverted

from an interference wave signal detected between said multipath component and a send signal."

Serizawa describes a system were a first station transmits digital data to a second station. When a transmission error is detected, the second station transmits a resend request signal, along with a multipath detection code, to the first station. The first station analyses the resend request signal and multipath detection code to estimate the multipath construction of the signal from the first station to the second station. Based on the analysis, the first station generates a mulitpath reverse corrected packet and transmits it to the second station.

Serizawa does not describe or suggest that the reverse corrected data 7, shown in Fig. 2, is generated by detecting an interference wave signal between a multipath component and a send signal, and generating a signal inverted from the interference wave signal.

In view of the above-noted distinctions, Applicants respectfully submit that Claim 1 patentably distinguishes over Serizawa. For substantially similar reasons is it respectfully submitted that independent Claims 8, 9, and 10 also patentably distinguish over Serizawa.

Consequently, in light of the above discussion and in view of the present amendment, the present application is believed to be in condition for allowance and an early and favorable action to that effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Bradley D. Lytle
Attorney of Record
Registration No. 40,073

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)

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